Appl. No. 10/790,844

Amdt dated July 6, 2006

In Reply to Office Action dated April 6, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the

application:

1. (Currently amended) In a device for measuring the level of a fluid in a fuel tank of a motor

vehicle, the fuel tank including a sound guide conduit disposed in the fuel tank, a fluid feeding

device in the fuel tank, and at least one ultrasonic transducer disposed near one end of the sound

guide conduit for generating ultrasonic pulses and for receiving the ultrasonic pulses reflected

in the region of the surface of the fluid in the fuel tank, the improvement wherein the sound

guide conduit and the ultrasonic transducer [[is]] are disposed in the fuel tank (1) on an outer

circumference of the fluid feeding device (6).

2. (Previously presented) The device in accordance with claim 1, wherein the sound guide

conduit (2) and/or the ultrasonic transducer (3) is cast, glued, welded, clipped, or screwed onto

the outer circumference of the fluid feeding device (6).

3. (Previously presented) In a device for measuring the level of a fluid in a fuel tank of a motor

vehicle, the fuel tank including a sound guide conduit disposed in the fuel tank, a fluid feeding

device in the fuel tank, and at least one ultrasonic transducer disposed near one end of the sound

guide conduit for generating ultrasonic pulses and for receiving the ultrasonic pulses reflected

in the region of the surface of the fluid in the fuel tank, the improvement wherein the ultrasonic

transducer is disposed in the fuel tank (1) on an outer circumference of the fluid feeding device

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(6), wherein the sound guide conduit (2) comprises a horizontal or oblique forward-flow region

(11) disposed near the fuel tank bottom (12).

4. (Previously presented) The device in accordance with claim 3, wherein the forward-flow

region (11) is straight or looped.

5. (Previously presented) The device in accordance with claim 1, wherein the sound guide

conduit (2) comprises at least one bend (15) with one deflection (13) each and/or at least one

straight region (29) with a conduit slope angle.

6. (Previously presented) The device in accordance with claim 1, wherein the sound guide

conduit (2) comprises at least one reference reflection surface (19).

7. (Previously presented) The device in accordance with claim 1, wherein the sound guide

conduit (2) has at least two openings (17) communicating with the interior of the fuel tank.

8. (Previously presented) In a device for measuring the level of a fluid in a fuel tank of a motor

vehicle, the fuel tank including a sound guide conduit disposed in the fuel tank, a fluid feeding

device in the fuel tank, and at least one ultrasonic transducer disposed near one end of the sound

guide conduit for generating ultrasonic pulses and for receiving the ultrasonic pulses reflected

in the region of the surface of the fluid in the fuel tank, the improvement wherein the ultrasonic

transducer is disposed in the fuel tank (1) on an outer circumference of the fluid feeding device

(6), wherein the sound guide conduit (2) comprises a flexible portion (39).

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9. (Previously presented) The device in accordance with claim 1, wherein the ultrasonic

transducer (3) is simultaneously a transmitter and a receiver.

10. (Currently amended) In a device for measuring the level of a fluid in a container, the

container including a sound guide conduit disposed in the container, a fluid feeding device in the

container, and at least one ultrasonic transducer disposed near one end of the sound guide conduit

for generating ultrasonic pulses and for receiving the ultrasonic pulses reflected in the region of

the surface of the fluid in the container, the improvement wherein the sound guide conduit and

the ultrasonic transducer [[is]] are disposed in the container (1) on an outer circumference of the

fluid feeding device (6).

11. (Previously presented) The device in accordance with claim 10, wherein the sound guide

conduit (2) and/or the ultrasonic transducer (3) is cast, glued, welded, clipped, or screwed onto

the outer circumference of the fluid feeding device (6).

12. (Previously presented) The device in accordance with claim 10, wherein the sound guide

conduit (2) comprises a horizontal or oblique forward-flow region (11) disposed near the

container bottom (12).

13. (Previously presented) The device in accordance with claim 12, wherein the forward-flow

region (11) is straight or looped.

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14. (Previously presented) The device in accordance with claim 10, wherein the sound guide conduit (2) comprises at least one bend (15) with one deflection (13) each and/or at least one straight region (29) with a conduit slope angle.

15. (Previously presented) The device in accordance with claim 10, wherein the sound guide conduit (2) comprises at least one reference reflection surface (19).

16. (Previously presented) The device in accordance with claim 10, wherein the sound guide conduit (2) has at least two openings (17) communicating with the interior of the container.

17. (Previously presented) The device in accordance with claim 10, wherein the sound guide conduit (2) comprises a flexible portion (39).

18. (Previously presented) The device in accordance with claim 10, wherein the ultrasonic transducer (3) is simultaneously a transmitter and a receiver.

19. (**Previously presented**) The device in accordance with claim 10, wherein the fluid feeding device (6) is a fuel pumping device.

20. (Previously presented) The device in accordance with claim 1, wherein the fluid feeding device (6) is a fuel pumping device.